

LISTING OF THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claim in the application:

1(original). A device for injecting bone cement, comprising:

- a) a flexible delivery tube having a proximal end portion, a distal end portion, and an inner bore defining an inner diameter,
- b) a flexible plunger having a distal end portion sized for slidable reception in the bore,
- c) an advancement means for distally advancing the plunger, the means located adjacent the proximal end portion of the flexible delivery tube.

2(original). The device of claim 1 wherein the inner bore is sterile.

3(original). The device of claim 1 wherein the tube is non-compliant.

4(original). The device of claim 3 wherein the non-compliant tube is made of PEEK.

5(original). The device of claim 1 wherein the inner diameter of the flexible delivery tube is between 0.05 and 0.2 inches.

6(original). The device of claim 1 wherein at least the proximal end portion of the delivery tube is flexible.

7(original). The device of claim 1 wherein at least the distal end portion of the delivery tube is flexible.

8(original). The device of claim 1 wherein substantially the entire delivery tube is flexible.

9(original). The device of claim 1 wherein the diameter of the flexible delivery tube is between 50% and 200% of the diameter of the cannula.

10(original). The device of claim 1 wherein the flexible delivery tube has a length of at least 20 cm.

11(original). The device of claim 1 wherein the flexible delivery tube has a length of between 20 cm and 40 cm.

12(original). The device of claim 1 wherein the bore of the flexible delivery tube has a volume of less than 4 cc.

13(original). The device of claim 1 wherein the bore of the flexible delivery tube has a volume of less than 3 cc.

14(original). The device of claim 1 wherein the bore of the flexible delivery tube has a volume of less than 2 cc.

15(original). The device of claim 1 further comprising:

d) an air-vent cap attached to the distal end portion of the flexible delivery tube.

16(original). The device of claim 1 wherein the bore is filled with a bone cement having a temperature of less than room temperature.

17(original). The device of claim 1 wherein the bore is filled with a bone cement having a temperature of no more than 10 °C

18(original). The device of claim 1 wherein the bore is filled with a bone cement comprising an acrylic-based bone cement.